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411,573

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COMPLETE SPECIFICATION.

Air Tight. Cruet and Toilet Fittings.

I, JOSEPH MORRIS JAMIESON (British) of 32, The Park, Lincoln, England, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

My invention relates to improvements in containers, for air-tight and dust-proof toilet and cruet fittings or the like and of a kind comprising of two essential parts one of which forms a cylindrical receptacle the second part forming a combined tubular stem and plunger, the plunger a sliding fit inside the receptacle whereby on a relative movement of the two parts the semi-fluid substance contained in the receptacle B such as condensed milk, cream, mustard, face, tooth and shaving creams, or the like substances, are extruded through a small aperture in one of the parts as required; the remaining contents, which would deteriorate if exposed to the atmosphere, retains its full freshness for an indefinite period of time, and can be delivered directly upon the desired position allotted in a cleanly manner without waste.

In order that my invention may be thoroughly understood, I now proceed to describe the accompanying drawing thereof reference being had to letters and Figures thereon:—

Fig. 1 is a vertical section.

Fig. 2 is an elevation.

I provide a hollow cylindrical receptacle B. Fig. 1 and Fig. 2 having parallel interior walls. I then provide a combined tubular stem and plunger C. having a circular interior chamber H. trumpet shaped, at the base and gradually tapering upwards to a small aperture J. at the end of the stem C. The form of the chamber H. at the base, is such that the area of resistance of the plunger to the contents A. is reduced, so that compression is practically nil, and the pressure exerted by the first two fingers of either hand, at the fins G. on the external diameter of the stem is reduced to a minimum thus the contents A. are easily extruded at J. The base of the plunger C. the external diameter of which is an

easy sliding fit inside interior walls of receptacle B. has a circular groove F. The lower flange E¹. of the groove F. to have as thin a wall as practical to allow the bottom side of joint ring D. to be in approximation to the contents of receptacle B; the upper wall of the groove F. to be extra thick to act as a guide to the sliding movement of plunger.

Groove F. is fitted with a surgical india-rubber or suitable fibre ring D. the external diameter to be a good rubbing fit against the interior walls of B. and prevent the leakage of contents or entry of air between the interior walls and the rubbing face of joint ring D.

The mode of performing and discharging the contents A.:—place the first two fingers of either hand one each side of the stem C. at any point between the fins G. and with the thumb of the same hand placed on the underside of the base of B. and using a relative closing movement of the fingers and thumb and parts B. and C. invert and pointing the end of stem C. the contents can be deposited through J. at the desired position and regulated as to quantity, cleanly and without waste.

When the plunger C. touches the bottom of receptacle B. the contents of chamber H. remain intact, but upon withdrawing the plunger C. from receptacle B. the contents are drawn down by suction set up, and deposited on the bottom of receptacle B. and can be used with the fresh supply. In these contrivances, the contents cannot be spilt or shaken out they are light of weight, labour saving, no loose parts, and can be produced at a reasonable price in glass, china, porcelain or in unbreakable material such as celluloid or vulcanite or untarnishable metals.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1.—A container B. for semifluids or the like fitted with a combined tubular stem and plunger C. having a tapered bore which reduces interior compression and displaces or extrudes the contents A. with a minimum of pressure applied upon the

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stem C. at and between the external fins before described with reference to the 6
G. as in a manner herein before described. accompanying drawing.

2.—An improved container for toilet Dated this 8th day of December, 1933.
and cruet fittings for semi-fluids herein JOSEPH MORRIS JAMIESON.

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FIG. 1.

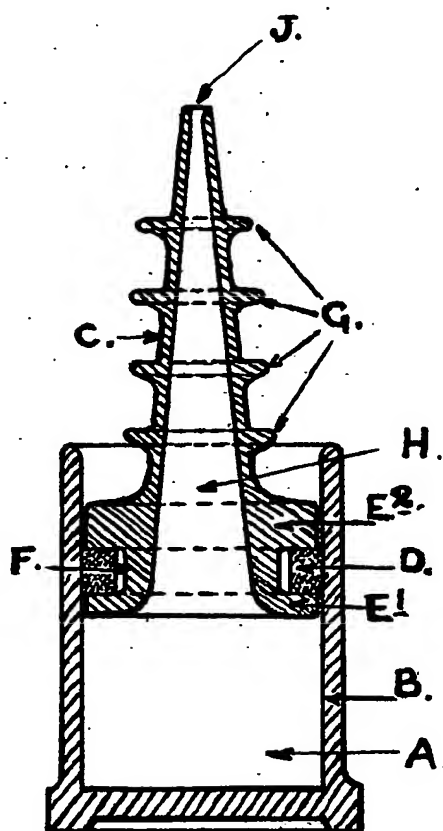
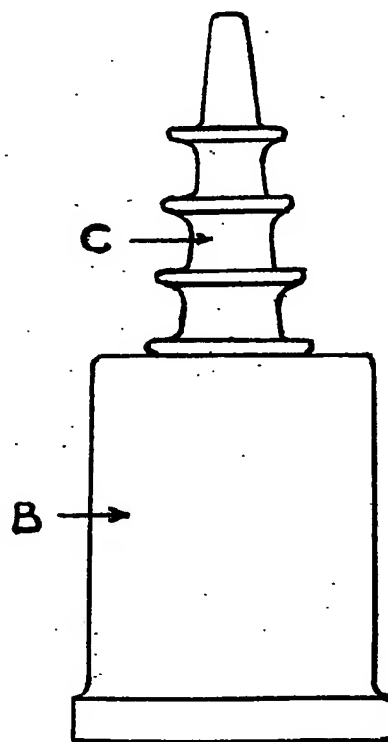


FIG. 2.



[This Drawing is a full-size reproduction of the Original.]

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